

INTERNATIONAL SEARCH REPORT

International Application No

PCT/NO 03/00298

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04L12/43 H04Q11/04 H04J3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHEDMinimum documentation searched (classification system followed by classification symbols)
 IPC 7 H04L H04Q H04J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/123476 A1 (SHENOI KISHAN) 3 July 2003 (2003-07-03) page 1, column 1, line 1 -page 2, column 1, line 19 page 3, column 1, line 11 - line 57 page 3, column 2, line 43 - line 55 abstract ---	1-18
A	US 5 515 371 A (VENTERS W STUART) 7 May 1996 (1996-05-07) column 1, line 15 -column 2, line 60 abstract ---	1-18
A	WO 98 08355 A (NORTHERN TELECOM LTD) 26 February 1998 (1998-02-26) page 1, line 1 -page 2, line 9 page 4, line 1 -page 5, line 22 abstract ---	1-18
	-/-	

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "P" document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search

Date of mailing of the international search report

18 February 2004

11.03.2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
T	<p>"Extending the Reach and Rate of Symmetric DSL Service" SYMMETRICOM, WHITE PAPER, [Online] XP002270685 Retrieved from the Internet: <URL: http://www.symmetricom.com.media/pdf/app-noted/wp-extending-dsl.pdf> [retrieved on 2004-02-18] page 2 -page 3 page 5, line 1 -page 6, line 5 page 8, line 1 -page 9, line 6 -----</p>	1-18

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Information on patent family members

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PCT/NO 03/00298

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 2003123476	A1	03-07-2003	US 2003048802 A1	13-03-2003
US 5515371	A	07-05-1996	NONE	
WO 9808355	A	26-02-1998	CA 2263478 A1 WO 9808355 A1 EP 0920784 A1 JP 2002512743 T US 6205142 B1	26-02-1998 26-02-1998 09-06-1999 23-04-2002 20-03-2001